(1) Number of pages 32

(2) Date of repair September 1986

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No. / B.P. No.	2769	Press. / Mis.
Dated	6. 7. 1878.	

31.600

Not to be folded or roughly handled.

Archives I—10,006—19-4-79.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

6th July 1878, No. 2,769 W.

Buildings and Roads.
Civil Works.

Read the following papers:—

No. 52. From Captain R. F. MORRIS, R.E., Acting District Engineer, Trichinopoly, to the Chief Engineer, Public Works Department, Buildings and Roads, dated Trichinopoly, 2nd October 1877, No. 465.

With reference to G.O., No. 199, dated 23rd August 1876, I have the honor to forward an estimate of Rupees 32,400, with specification, for constructing a new Taluq Cutcherry at Perambalur Taluq on the Standard Plan No. 1, with Subsidiary Jail of two large and two small wards, together with necessary out-houses.

No. 52-A. From the same Officer, dated Trichinopoly, 12th November 1877, No. 627.

With reference to your memorandum, No. 3,458, dated 24th October 1877, I have the honor to report that the estimate of Perambalur Taluq Cutcherry was prepared in accordance with the standard plan issued with G.O., No. 2,791, dated 1st September 1868.

2. The estimate and specification are returned.

No. 52-B. From the same Officer, dated Trichinopoly, 13th April 1878, No. 46.

I have the honor to forward estimate, as per margin, for constructing a Taluq Cutcherry with out-buildings at Perambalur duly revised as per instructions contained in your memorandum, No. 3,995, of 19th November 1877.

One plan showing depths of foundations.
„ report.
„ abstract estimate for Rupees 26,000.

No. 52-C. From the same Officer, dated Trichinopoly, 27th June 1878, No. 219.

With reference to your memorandum, No. 107 T, dated 6th May 1878, I have the honor to return the estimate, &c., of Perambalur Taluq Cutcherry, as per margin, duly revised in accordance with the instructions given in the above-quoted reference.

One revised estimate.
„ plan showing the foundation of walls in different breadth.
„ specification.
„ site plan.

2. A site plan signed by the Collector is also forwarded.

No. 53. Order thereon, 6th July 1878, No. 2,769 W.

His Grace the Governor in Council sanctions the estimate of Rupees 27,000 for constructing a 1st-class Taluq Cutcherry and Subsidiary Jail, with the necessary out-Houses, at Perambalur in the Trichinopoly District.

2. There are no funds now available for the work, but it will, if possible, be entered in the Provincial Budget of 1879-80.

3. This sanction has been registered as Provincial No. 48 B of 1878-79.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Govt., P.W.D.

(True Copy.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the District Engineer, Trichinopoly.
" Examiner of Public Works Accounts.
" Judicial Department.
" Revenue "

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS
CIVIL WORKS.

Estt. of (1878) Works.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
TRICHINOPOLY.
&c., &c., &c.

Estt. July 6.

Lr. dd

Encl.

Encl.

G. O., 6th July 1878, No. 2,753 W.

JULY.

Nos. 52-53.

First-class Taluq Cutcherry, Perambalur
Trichinopoly.—The Estimate of Rs. 27,000
for constructing a —, sanctioned.

No. 465

From

District Engineer's Office
Trichinopoly
2nd October 1874.

The District Engineer
Trichinopoly

To

The Chief Engineer. G.P.W.
Roads and Buildings
Madras.

Sir.

Enclosures. 2.

With reference to G. O. No. 199. dated 23rd August 1876, I have the honor to forward an Estimate of Rs. 32400 with Specification for Constructing a new Taluq Cutcherry at Perambalur Taluq on the Standard Plan No. I with Subsidiary Jail of 2 large and 2 small Wards together with necessary outhouses.

I have the honor to be
Sir
Your Most Obedient Servant
W. Morris Captain R.E
Ag. District Engineer

Copied

Received 28 Aug 1876. No 199.

Roads and Bridges

From District Engineer
Vicksburg.

No. 465

Dated 21st October 1876

Endorsed (21)
Returned

Forwards an Estimate
& Specification for Construction
of a Bridge at Crawfords
Gully Vicksburg.

No 627 Vicksburg District Engineer Office
12th November 1877

The District Engineer
Vicksburg

The Chief Engineer
U.S.A.

With reference to your Letter No. 2403 dated 24th October 1877 I have the honor to report that the Estimate & Drawings of Gully Crossing was prepared in accordance with the Standard Plans issued with Government Order No. 2791 dated 10th September 1868.

The Estimate and Specification are, I have the honor to be

Your most Obedient Servant

W. J. Twiggs Capt. & A.D.C.
Dist. Engineer

C-Eho 36588/24 Oct 77
Nichologgu 28 Aug 78.

Roads & Buildings

From Ag. District Engineer
Fiachuisfah

No 627
Dated 12th November 1877

Enclosure (2)
& Ret to the D.E.

Respecting that the Estimate for Perambulator Laboy Cakeberg has been forwarded in accordance with the standard & Can that accompanied G.O. No 2791 of 1868

Specification Report to accompany the estimate for Constructing a 1st Class Gallop Cakeberg with Buildings &c at Perambulator 278/6

Excavation — After the centre lines of the roads have been pegged out and the boundaries of the Commissioner Schedule excavate the trenches to the levels depths shewn on the drawings, or to such other depths as the Officer in charge of the work may direct

Concrete — On receipt of a written order from the Officer in Charge of the works to the effect that the foundations have been satisfactorily finished proceed to lay 12 inches of Concrete

The Concrete will be laid in two layers, each layer 6 inches thick well rammed with sharp gravel water, and the second layer will not be added to the first, until the latter is thoroughly consolidated.

Brick Work — On the completion of the Concrete, the Centre lines will be carefully laid out and the footing courses commenced. The footing courses will be carried up in 1 Ft to 12 inches high with 3 inches offsets on either side according to the drawing.

Plating — The walling will consist of brick

C E
Mi

in Common

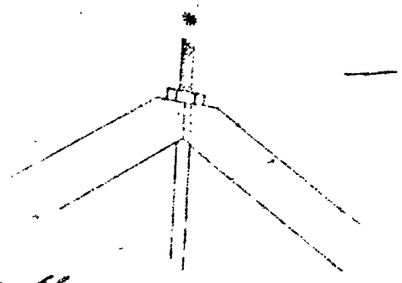
The opening will have Skirted Iron, worked Splays
ing Sinches on the Rise of the Slate.

All Areas will be turned in Cem Concrete Arching
Rings of Brick on edge.

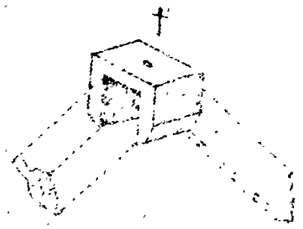
All Area Casting Sheets to run all round the Stone work
edges of the Verandah and also be at the Middle
and Main Slate should be placed under the
wooden posts and bressing.

The Teak wood Lintols, Rafters, Verandah Angles Teak wood
&c will be executed in strict accordance with the
details shown on the Drawing dated April 1872
Note. Extra Scantlings have been allowed in
the quantities for the principal rafters and
Common rafters)

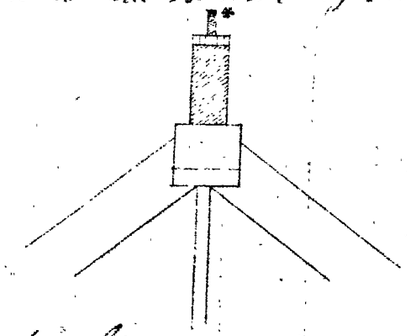
In framing the Trusses, the heads of the
rafters will be let into the tie-beams and
Strapped down tight, and the heads notched
to bed Simply * over the heads as shewn hatched
out—



So as to cover the Joints † will be fastened
by the feet nut after the Roof having
been fixed—



be drilled of the proper Camber, both a rafter
round the Truss and twist up the tie-beam
to the required Camber, and screw home the
first nail on the King rod. the lower ends
of the Slate will hold Simply against
the tie beam and be held in their places
by round pieces of wood. the upper ends
will be buried into the rafters. When the
trusses are hoisted, put on the ridge over
the King rod heads, and screw the second
and down tight * Have the purlins and
rafters cut to the extent of one inch



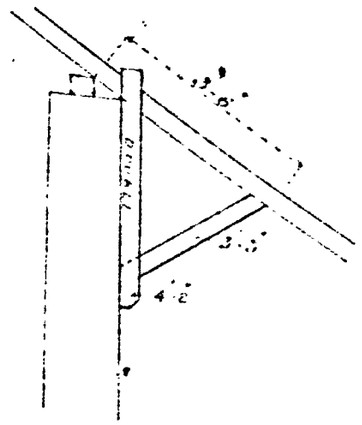
Support the purlins over the wall to between the
trusses

Rafters Notch the rafters into the purlins, but on
no account cut the purlins deeper as
the full section is required for the roof
Let every rafter project 3 feet 9 inches beyond
the purlin over the wall. Where Verandahs are
shown the rafters will run out over the
wall purlin being supported at their ends by
the posts. Bring each rafter up against the
ridge. & fix them as shown on the Drawing †

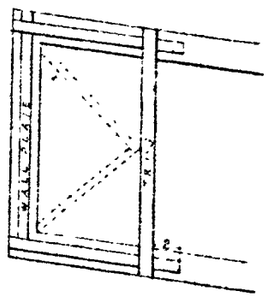
In the Jail, Must every rafter from the end

The detail of this arrangement is shown on the Drawing

Wall-plates— Where a truss rests on a roof at a distance from the wall about equal to half



the span as in the Record-room and main a wall plate Must be run all along the wall to the angle immediately under the truss. The lower ends of the principal rafters will butt against the angle & secured by the plate, and the upper ends will be fastened under the ridge.



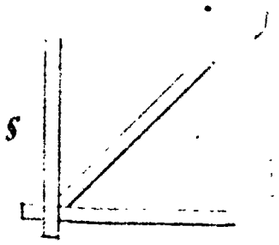
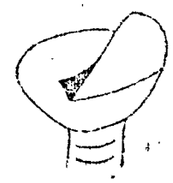


plate. It is not necessary to bind these rafters, as the boarding, battens & nails is sufficient without the intermediate

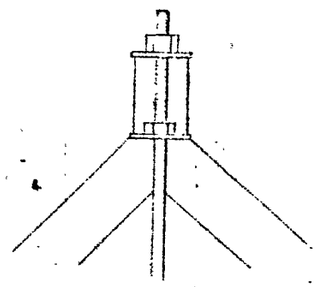
Support

The hip rafter at the apex will be bedded in the mortice of the finial above the level of the wall plate so as to preserve the same angle of pitch

Iron work— Iron straps— Provide and fix with the screws specified hereafter. No 3 straps of the forms and dimensions shown on the drawing Iron bars. Provide and fix No 6 bars of the forms and dimensions shown on the drawing Screws. Further to screws with countersunk screws. These screws must be those screws made of Iron have large heads & fillets, so that they can only be screwed in and not out



Screws. Supply to Carpenter &c the rods of the forms and dimensions shown, Lower end to have rectangular head and screwed & the nuts washers & the upper ends of the screwed double nuts and washers

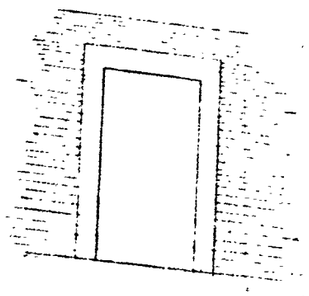


Supply to Carpenter No 18 Sheets for Counter Sinking Sheeps.
nickel by 3/8 th inch iron forged to a half inch screw
also do, bearing plate 1 3/4 by half inch with
nuts and washers.

Spikes, Nails and Screws. Supply to the Carpenter all necessary Spikes Screws, nails & bolts Supply. Nails, Screws Bolts

Oil Coal of Naptha Coat - Paint with two coats Painting
of Coal-Naptha Coal over the whole of the
interior, and bring to a smooth and level
Surface.

White wash all interior joists and rafters with
pickled lime mixed with
lb of salt sprinkled. Color wash all the ceiling
portions



Colour wash { 25 White / 1 Prussian / 2 Coal / 3 Black

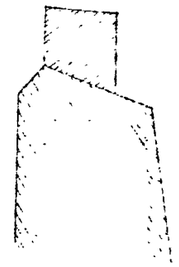
Painting Take out the colour joints of all woodwork to the depth of Sashes nibs, well rub the surface and paint with finish painting - Cornice Mouldings to be toned to the color of the Sashes by the addition of Red ochre

Roofing — After the whole of the Carpentry of the roof has been completed, lay in the Valleys of zinc and lining of Spruce Sheathing with a lap of 9 inches across joints of Tiling. Cover the roof with well burnt tiles laid in the usual manner, and fix the ridges and hips in the usual manner with the Cement

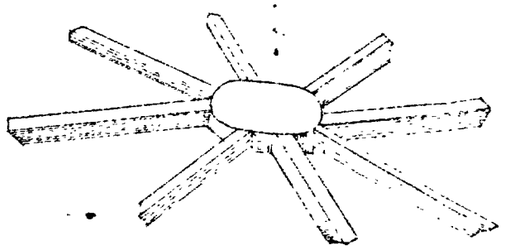
Cleaning down — Rub off the ridges, hips, and cover with Cement & Naptha Coal on the surface, and lay Cement on the tiling 9 inches broad and 21 inches apart in the clear

Roof of Spires — The roof of round or circular Spires must be bolted down

by eight bolts as shown on the drawing. Care should be taken to cut the underside of the Curb so as to prevent the water from settling in between the board and the masonry



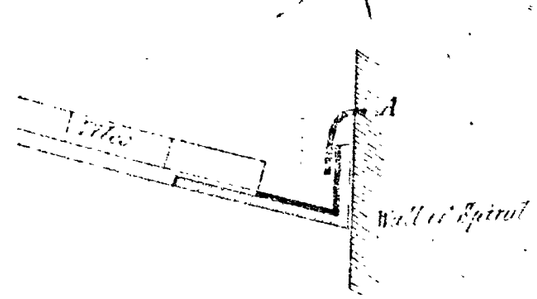
After the uprights and top pieces have been screwed into the Curb, eight triangular pieces termed into a central boss will be shifted on the top.



From the ends of these the uprights may be fixed boarding the Spindle. A piece 3 inches x 4 inches will receive the same weather board after which the boards will overlap each other to the extent of 2 inches. A rectangular hole, notched to fit the weather boarding on the underside and rounded on top will form up the outer angles.

Flashing at Spiral — Where the roof butts

the Spiral, great care must be taken to make it water tight. Under the tiles must be fixed a metal gutter 9 inches broad and 6 inches high leaving portions to turn up against the weather board.

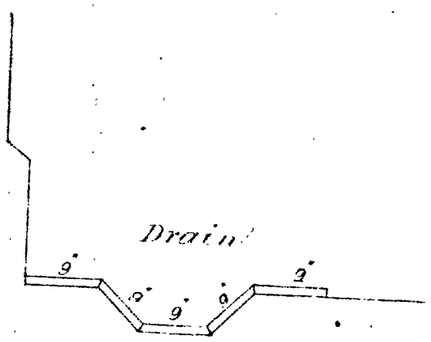


and 1 inch above the gutter metal flashing must be fixed in a chiselled groove in the masonry and turned down into the Gutter.

Cleaning After the masonry has dried the Surfaces is ready to receive the Cleaning. A Coating of Lime mortar 1 inch thick and then the tiles or slates fixed. The joints should be neatly cut and pointed. The Surfaces will be rubbed and prepared before each coat.

Exterior Drain Fix round the exterior build a drain 3 flat 9 inch tile as shewn below keeping the Section of the Drain according

Le Mer Slope of the Ground.



District Engineers Office
27 June 1878

Assistant Engineer in Ch.

District Engineer Office
Fredericksburg, Va. June 27th 1878.

No. 219.

From
The District Engineer
Fredericksburg
Va.

To
The Chief Engineer
U.S.A. Washington
D.C.

Sir,

I have the honor to forward
herewith Memorandum No. 107 of Col. L. Cooper
May 1878, I have the honor to inform
you that

1. Revised Estimate
1. Plan showing the foundation
walls in different localities
1 Specification
1 Title Plan

The Estimate of
Lieut. Colonel Long
Col. Cooper for the improvement
duly passed in accordance
with the instructions

given in the above quoted reference.
A Title Plan signed by the
Collector is also forwarded.

I have the honor to be
Sir
Your Most Obdt Svt

Lieut. Col. U.S. Engrs

C Ebo 1075 of 16 Aug 78
" — 3995 - 19 Aug 77
" — 3453 - 24 Aug 77
fo - 199 — 28 Aug 76

Roads & Buildings

From Colonial Engineer
Nicosia

No 19.

Date 27 June 1878

Enclosure 4.

Return received
Estimate for Tokar
Cantonment & Barracks.

Le a/c 4-7-78

Colonial Engineer's Office, Nicosia
13th April 1878

No 46.

2705
13

To Colonial Engineer
Nicosia

To Colonial Engineer, R.E.
Cyprus

Sir,

I have the honor to forward estimate for Contracting & Land Cultivating with Out-buildings at Tokar Cantonment Barracks as per instructions contained in your Memorandum No 3995 of 19th November 1877

1 Plan showing site of Cantonment.
1 Report
1 Abstract estimate for £2600

I have the honor to be
Sir
Your most obedient Servant
[illegible]
District Engineer

From

The District Engr Trichinopoly

Dated 1st April 1878

Received

C. & S. No 107 Telg 6 May 1878

No 4 L

Encd Cancel X & Return

T. D. [illegible] 6/5
Dy Superintendent 15/5/78

Forwards revised estimate for Constructing a 1st Class Taluq Cutchery with Out-buildings at Perambalur in the Trichinopoly District.

Estimate & report forwarded to the P.W.D.

Plan Land & S.L.C. Records vide No. 1432 C. 24-7-82

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following:—

From

The District Engr Trichinopoly (No. 465 of 2nd Octr 1877)

His Grace the Governor in Council sanctions the Estimate of Rs 32,400 for constructing a 1st Class Taluq Cutchery and Subsidiary Jail with the necessary out houses at Perambalur in the Trichinopoly District.

2. There are no funds for the work, but it will, if possible, be entered in

in the Provincial Budget
of 1878-79. W2 4.1071.

Ext 13/10

Public Works Department.

No 2769

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 6 July 78

Read the following:—

From,

The Dt Engr. Tuticorin poly / W.R. Lr. No 465 dt 2d Oct 77
Do Do " " 627 " 12th Dec 77
Do Do " " 46 " 13th April 78
Do Do " " 219 " 27th June 78

His Grace the Governor in Council sanctions the Estimate of Rs 27,000 for constructing on 1 1/2 chain Salvg Cutchery and Subsidiary Jail with the necessary outhouses at Paramkalur in the Tuticorin Poly District.

2- There are no funds now available for the work,

Judicial E-11-77 No. 265

Justice & E. Tuticorin poly
Examiner P.W. Accounts
Judicial Deptt
Revenue —

Sp Pro b
Cr 14-10

work, but it will, if
possible, be entered
in the Provincial Budget
of 1879-80. 6.7.78.

607

This sanction has been
registered as Provincial No. 48 B
of 1878-79.

To Audy 4-7-78

D.C. Trichinopoly
Exr. P. W. Accts Hd Asstt Estmr
Jud C. Despatch
Rev: —

Dated 15-7-78

7308

Govt. of (1878) Madras.

PUBLIC WORKS.

To The DE Trichinopoly

Dated

Issued

Recd. Encl.

G. O., 6 July 1878, No. 2769/15

Nos. 52485

1st Place
Taluq Satcherry Cerambulore
Trichinopoly.

The estimate of Rs 27,000
for constructing a ——
sanctioned

Encl. in No 5.